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Part Number: [0500798000](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Crimp Terminal, 26-28 AWG, Reel

Documents:

3D Model	Product Specification PS-51021-022 (PDF)
Drawing (PDF)	Product Specification PS-51021-023 (PDF)
Product Specification 510210001 (PDF)	Product Specification PS-51021-024 (PDF)
Product Specification PS-51021-001 (PDF)	Product Specification PS-51021-025 (PDF)
Product Specification PS-51021-002 (PDF)	Product Specification PS-51021-026 (PDF)
Product Specification PS-51021-009 (PDF)	Product Specification PS-51021-027 (PDF)
Product Specification PS-51021-010 (PDF)	Packaging Specification SPK-50079-001 (PDF)
Product Specification PS-51021-011 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	50079
Application	Signal
Crimp Quality Equipment	Yes
Current Derating Order No	987651-3691
Overview	PicoBlade™ Connector System
Packaging Alternative	50079-8100 (Loose)
Product Name	PicoBlade™
UPC	800753616233

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	10.100/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.50-1.04mm
Wire Size AWG	26, 28
Wire Size mm²	N/A

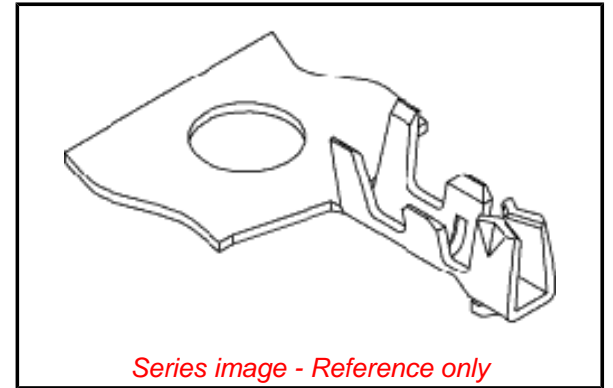
Electrical

Current - Maximum per Contact	1.0A
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Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-50079-001
Product Specification	510210001, PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-025, PS-51021-026, PS-51021-027, RPS-501576-001, RPS-51021-002, RPS-51021-003, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-015, RPS-51021-016, RPS-51021-017, RPS-51021-018, RPS-51021-021, RPS-51021-023, RPS-51021-024, RPS-51021-025, RPS-51021-026,



EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free
Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

China RoHS

Green Image
Compliant

Search Parts in this Series

[50079 Series](#)

Mates With

[50125 Crimp Terminal](#), [50133 Crimp Terminal](#)

Use With

[51021 Crimp Housing](#)

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Hand Crimp Tool for [0638190400](#)
1.25mm Pitch Crimp

RPS-51021-027, RPS-51021-028, RPS-51021-029,
RPS-51021-030, RPS-51021-031, RPS-51021-032,
RPS-51021-033, RPS-51021-034, RPS-51021-037,
RPS-51021-038, RPS-51021-039, RPS-51021-040,
RPS-51021-041, RPS-51021-043, RPS-51021-044,
RPS-51021-045, RPS-51021-046, RPS-51021-047,
RPS-51021-048, RPS-51021-050, RPS-51021-051,
RPS-51021-052, RPS-51021-053, RPS-51021-054,
RPS-51021-055, RPS-51021-056, RPS-51021-057,
RPS-51021-058, RPS-51021-059, RPS-51021-060,
RPS-51021-061, RPS-51021-062, RPS-51021-064,
RPS-51021-065, RPS-51021-067, RPS-51021-068,
RPS-51021-071, RPS-51021-072, RPS-51021-073,
RPS-51021-074, RPS-51021-076, RPS-51021-077,
RPS-51021-078, RPS-51021-079, RPS-51021-080,
RPS-51021-083, RPS-51021-084, RPS-51021-085,
RPS-51021-086, RPS-51021-089, RPS-51021-091,
RPS-51021-092, RPS-51021-096, RPS-51021-097,
RPS-51021-101, RPS-51021-102, RPS-51021-103,
RPS-51021-104, RPS-51021-105, RPS-51021-106,
RPS-51021-107, RPS-51021-108, RPS-51021-112,
RPS-51021-113, RPS-51021-115, RPS-51021-117,
RPS-51021-118, RPS-51021-121, RPS-51021-122,
RPS-51021-124, RPS-51021-125, RPS-53398-002,
RPS-53398-037, RPS-53398-038
SD-50079-001, SD-51021-002

Sales Drawing

Terminals, 26-32 AWG Wire	
Extraction Tool	<u>0011030043</u>
Hand Crimp Tool	<u>0638110000</u>
Terminals on Metal Strip	
Hand Crimp Tool for 1.25mm Pitch Crimp	<u>0638190300</u>
Terminals, 26-32 AWG Wire	
FineAdjust™ 1.25mm Pitch Crimp	<u>0639003700</u>
Terminal, 26-32 AWG	
T2 Terminator	<u>0639103700</u>
Tooling Die	
Japan	
Description	Product #
Extraction Tool	<u>0570726000</u>
Applicator for M21 1A Bench Press, 26-32	<u>0570673000</u>
AWG Wire	
Side-Feed Applicator For Full-Auto Machine	<u>0570673200</u>

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